



2010

HS 250h

UPDATED MAINTENANCE REQUIREMENTS

Important Supplement to Your Warranty and Services Guide

### SAFETY PRECAUTIONS

Your HS 250h is a gas/electric hybrid vehicle that has both high-voltage DC and AC systems as well as a 12-volt system. Both DC and AC high voltage are very dangerous and can cause personal injury, severe burns, electric shock and even fatal injury unless appropriate precautions are taken.

To avoid personal injury, please follow all caution labels attached to high-voltage parts. Do not touch or attempt to remove or replace any high-voltage (orange-colored) wiring and connectors. Do not touch the service plug under the plug cover at the back of the trunk.

If an accident occurs, do not touch any high-voltage wiring, connectors or parts such as the inverter under the hood or the hybrid battery assembly under the rear seat. Do not touch the potassium hydroxide electrolyte that might spill or leak from the hybrid battery as the result of an accident. If potassium hydroxide electrolyte gets on your skin or in your eyes, neutralize it immediately with a saturated boric acid solution (ratio: 80 grams boric acid to two liters water). Seek immediate medical attention.

If a vehicle fire occurs, extinguish it with a Class D powder-type fire extinguisher.

### **IMPORTANT NOTICE**

This booklet replaces the "Scheduled Maintenance Log" section of the Warranty and Services Guide in your glove box. Please refer to the booklet you are now reading for information on scheduled maintenance requirements for your vehicle. The "Scheduled Maintenance Log" section of the Warranty and Services Guide no longer applies to your vehicle.



# MAINTENANCE IS ESSENTIAL

Regular maintenance is essential to obtaining the highest level of performance, safety and reliability from your Lexus. It can also enhance your vehicle's resale value.

It is especially important to check your vehicle's engine oil once a month and to regularly replace the engine oil and oil filter. Failure to do so can cause oil starvation and/or oil gelling, which can result in severe damage to your vehicle and require costly repairs that are not covered by the New Vehicle Limited Warranty.

Lexus recommends having maintenance for your vehicle performed by an authorized Lexus dealership. To locate your nearest authorized Lexus dealership, contact Lexus Customer Satisfaction at (800)255-3987 or visit www.lexus.com.

# DETERMINING YOUR MAINTENANCE INTERVAL: MONTHS VS. MILEAGE

Lexus recommends obtaining maintenance for your vehicle every six months or 5,000 miles, whichever comes first.

### For example:

- If at six months you have driven less than 5,000 miles, you should obtain maintenance at six months; don't wait until 5,000 miles.
- If you drive 5,000 miles in less than six months, you should obtain maintenance at 5,000 miles; don't wait until six months.

Be sure to keep an eye on your mileage so that you obtain maintenance when recommended. If you are a low-mileage driver, mark your calendar to remind yourself to obtain maintenance every six months.

### SPECIAL OPERATING CONDITIONS

In addition to standard maintenance items, vehicles that are driven under special operating conditions require further maintenance service. These special operating conditions, which put added demands on a vehicle, include:

- Driving on dirt roads or on dusty roads
- Repeated trips of less than five miles in temperatures below 32° F or 0°C
- Extensive idling and/or lowspeed driving for long distances, such as police, taxi or door-todoor delivery use

If you drive primarily under any of the conditions noted above, you should replace the engine oil and oil filter every six months or 5,000 miles. Some of these special operating conditions require other maintenance items; these items are indicated in each maintenance chart.

Note: If you drive only occasionally under any of the special operating conditions noted, it is not necessary to change the oil every six months or 5,000 miles or to perform the additional services listed in the charts. This added maintenance is required only if you drive primarily under any of the special operating conditions.

To help ensure that your ownership experience is pleasant, convenient and trouble-free, Lexus provides your first two maintenance services at no charge. Here are the details.

### First Scheduled Maintenance Service: Six Months or 5,000 Miles

This complimentary service is performed at six months or 5,000 miles, whichever occurs first. To obtain this service, contact your Lexus dealership. Your complimentary service will include these items:

- Inspect and adjust all fluid levels
- Program Lexus Personalized Settings, if requested
- Reset maintenance reminder light
- Rotate tires
- Visually inspect brake pads, calipers and rotors
- Check installation of driver's floor mat
- Road-test vehicle

# What are Lexus Personalized Settings?

Your vehicle includes a variety of electronic features that can be programmed to your preferences. For example, doors can be programmed to remain locked when you shift into "Park." Programming of these features is performed once at no charge, provided you obtain the service at the six-month/5,000-mile scheduled maintenance service. Programming of your Lexus Personalized Settings requires special equipment and may be performed only by an authorized Lexus dealership.

For more information, see the "Customizable Features' section of the Specifications chapter in your Owner's Manual.

# Second Scheduled Maintenance Service: 12 Months or 10,000 Miles

This complimentary service is performed at 12 months or 10,000 miles, whichever occurs first. To obtain this service, contact your Lexus dealership. Your complimentary service will include these items:

- Replace engine oil with OW-20 oil; replace oil filter
- Reset maintenance reminder light
- Rotate tires
- Visually inspect brake pads, calipers and rotors
- Check installation of driver's floor mat
- Road-test vehicle

If you do the majority of your driving under certain special operating conditions, additional items are included in this service. See the "12,000 Months or 10,000 Miles" chart on page 6.

6 Months or 5,000 Miles <sup>1</sup>	12 Months or 10,000 Miles <sup>2</sup>
☐ Inspect and adjust all fluid levels	☐ Replace engine oil with OW-20 oil; replace
Program Lexus Personalized Settings, if	oil filter
requested	Reset maintenance reminder light
Reset maintenance reminder light	☐ Rotate tires
☐ Rotate tires	Visually inspect brake pads, calipers and rotor
<ul><li>Visually inspect brake pads, calipers and rotors</li></ul>	☐ Check installation of driver's floor mat
☐ Check installation of driver's floor mat	☐ Road-test vehicle
☐ Road-test vehicle	If you drive primarily under this
<b>Note:</b> If you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter.	special operating condition, perform these additional items:
See page 3 for conditions that apply. Some condi-	Driving on dirt roads or on dusty roads:
tions require additional maintenance. See below.	☐ Inspect axle shaft boots
If you drive primarily under this	☐ Inspect ball joints and dust covers
special operating condition, perform	☐ Inspect engine air filter
these additional items:	Inspect steering linkage and boots
Driving on dirt roads or on dusty roads:	☐ Tighten nuts and bolts on chassis
Inspect axle shaft boots	
☐ Inspect ball joints and dust covers	
☐ Inspect engine air filter	
☐ Inspect steering linkage and boots	
☐ Tighten nuts and bolts on chassis	
a lighter had and poics on chassis	
Date: Mileage:	Date: Mileage:

<sup>&</sup>lt;sup>1</sup>This service, excluding maintenance required for special operating conditions, is complimentary when performed by an authorized Lexus dealership.

<sup>&</sup>lt;sup>2</sup>This service is complimentary when performed by an authorized Lexus dealership.

18 Months or	15,000 Miles
☐ Clean air conditioner filter	
☐ Inspect and adjust all fluid levels	
☐ Replace Smart Key battery	
☐ Reset maintenance reminder light	
☐ Rotate tires	
$oldsymbol{\square}$ Visually inspect brake pads, calipers and rotors	
☐ Check installation of driver's floor mat	
☐ Road-test vehicle	
□ Inspect the following: Axle shaft bootsBall joints and dust coversBodyBrake lines and hosesEngine/inverter coolant (see page 28)  Note: If OW-20 oil was not used at last oil change, or if	Exhaust pipes and mountingsRack and pinion assemblySteering linkage and boots  f you drive primarily under certain special operating
conditions, you should also replace the engine oil with C conditions that apply. Some conditions require additional lf you drive primarily under this special operations:	DW-20 oil and replace the oil filter. See page 3 for all maintenance. See below.
Driving on dirt roads or on dusty roads: ☐ Inspect engine air filter ☐ Tighten nuts and bolts on chassis	
Date:	Mileage:

24 Months or 20,000 Miles	30 Months or 25,000 Miles
☐ Replace engine oil with OW-20 oil; replace	☐ Inspect and adjust all fluid levels
oil filter	Reset maintenance reminder light
☐ Reset maintenance reminder light	☐ Rotate tires
☐ Rotate tires	<ul> <li>Visually inspect brake pads, calipers and rotor</li> </ul>
☐ Visually inspect brake pads, calipers and rotors	Check installation of driver's floor mat
Check installation of driver's floor mat	☐ Road-test vehicle
☐ Road-test vehicle	Note: If OW-20 oil was not used at last oil
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:	change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.
<ul> <li>Inspect axle shaft boots</li> <li>Inspect ball joints and dust covers</li> <li>Inspect engine air filter</li> <li>Inspect steering linkage and boots</li> </ul>	If you drive primarily under this special operating condition, perform these additional items:
☐ Tighten nuts and bolts on chassis	Driving on dirt roads or on dusty roads:
	☐ Inspect axle shaft boots
	<ul><li>Inspect ball joints and dust covers</li></ul>
	☐ Inspect engine air filter
	<ul> <li>Inspect steering linkage and boots</li> </ul>
	☐ Tighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

36 Months or	30,000 Miles
☐ Replace engine oil with OW-20 oil; replace oil filter	Replace Smart Key battery
☐ Reset maintenance reminder light	<ul><li>Visually inspect brake pads, calipers</li></ul>
☐ Rotate tires	and rotors
☐ Replace air conditioner filter	☐ Check installation of driver's floor mat
☐ Replace brake fluid	☐ Road-test vehicle
☐ Replace engine air filter	
□ Inspect the following: Axle shaft bootsBall joints and dust coversBodyBrake lines and hosesBrake rotor thickness and runoutEngine/inverter coolant (see page 28)Exhaust pipes and mountingsFuel lines and connections, fuel tank band and fuel tank vapor vent system hoses	Fuel tank cap gasketRack and pinion assemblySteering linkage and bootsTransmission fluid
Driving on dirt roads or on dusty roads: ☐ Tighten nuts and bolts on chassis	
Date:	Mileage:

42 Months or 35,000 Miles	48 Months or 40,000 Miles
lue Inspect and adjust all fluid levels	☐ Replace engine oil with OW-20 oil; replace
☐ Reset maintenance reminder light	oil filter
☐ Rotate tires	Reset maintenance reminder light
$f \square$ Visually inspect brake pads, calipers and rotors	
☐ Check installation of driver's floor mat	Visually inspect brake pads, calipers and rotor
☐ Road-test vehicle	☐ Check installation of driver's floor mat
Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.	If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:
If you drive primarily under this special operating condition, perform these additional items:	<ul> <li>Inspect axle shaft boots</li> <li>Inspect ball joints and dust covers</li> <li>Inspect engine air filter</li> <li>Inspect steering linkage and boots</li> </ul>
Driving on dirt roads or on dusty roads:  ☐ Inspect axle shaft boots ☐ Inspect ball joints and dust covers ☐ Inspect engine air filter ☐ Inspect steering linkage and boots ☐ Tighten nuts and bolts on chassis	□ Tighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

54 Months or 45,000 Miles
☐ Clean air conditioner filter
☐ Inspect and adjust all fluid levels
☐ Replace Smart Key battery
☐ Reset maintenance reminder light
□ Rotate tires
☐ Visually inspect brake pads, calipers and rotors
☐ Check installation of driver's floor mat
☐ Road-test vehicle
Inspect the following: Axle shaft bootsExhaust pipes and mountingsBall joints and dust coversBodySteering linkage and bootsEngine/inverter coolant (see page 28)  Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating
conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.  If you drive primarily under this special operating condition, perform these additional items:
Driving on dirt roads or on dusty roads: ☐ Inspect engine air filter ☐ Tighten nuts and bolts on chassis
Date: Mileage:

60 Months or 50,000 Miles	66 Months or 55,000 Miles
☐ Replace engine oil with OW-20 oil; replace	Inspect and adjust all fluid levels
oil filter	<ul> <li>Reset maintenance reminder light</li> </ul>
Reset maintenance reminder light	☐ Rotate tires
☐ Rotate tires	<ul> <li>Visually inspect brake pads, calipers and rotors</li> </ul>
☐ Visually inspect brake pads, calipers and rotors	<ul> <li>Check installation of driver's floor mat</li> </ul>
☐ Check installation of driver's floor mat	☐ Road-test vehicle
☐ Road-test vehicle	<b>Note:</b> If OW-20 oil was not used at last oil
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:	change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional
Inspect axle shaft boots	maintenance. See below.
☐ Inspect axie shall boots ☐ Inspect ball joints and dust covers ☐ Inspect engine air filter ☐ Inspect steering linkage and boots	If you drive primarily under this special operating condition, perform these additional items:
☐ Tighten nuts and bolts on chassis	Driving on dirt roads or on dusty roads:
	Inspect axle shaft boots
	<ul><li>Inspect ball joints and dust covers</li></ul>
	☐ Inspect engine air filter
	<ul> <li>Inspect steering linkage and boots</li> </ul>
	<ul><li>Tighten nuts and bolts on chassis</li></ul>
Date: Mileage:	Date: Mileage:

72 Months or	60,000 Miles
$\hfill \Box$ Replace engine oil with OW-20 oil; replace oil filter	☐ Rotate tires
☐ Replace air conditioner filter	☐ Visually inspect brake pads, calipers
☐ Replace brake fluid	and rotors  Check installation of driver's floor mat
☐ Replace engine air filter	Check installation of drivers floor mat     Road-test vehicle
☐ Replace Smart Key battery	☐ Road-test vehicle
<ul> <li>Reset maintenance reminder light</li> <li>Inspect the following:         <ul> <li>Axle shaft boots</li> <li>Ball joints and dust covers</li> </ul> </li> </ul>	Exhaust pipes and mountings Fuel lines and connections, fuel tank band
BodyBrake lines and hosesBrake rotor thickness and runoutDrive beltEngine/inverter coolant (see page 28)Engine valve clearance	and fuel tank vapor vent system hosesFuel tank cap gasketRack and pinion assemblySteering linkage and bootsTransmission fluid
If you drive primarily under this special operatives:	ating condition, perform these additional
Driving on dirt roads or on dusty roads: ☐ Tighten nuts and bolts on chassis	
Date:	Mileage:

78 Months or 65,000 Miles	84 Months or 70,000 Miles
78 Months or 65,000 Miles  □ Inspect and adjust all fluid levels □ Reset maintenance reminder light □ Rotate tires □ Visually inspect brake pads, calipers and rotors □ Check installation of driver's floor mat □ Road-test vehicle Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.	84 Months or 70,000 Miles  Replace engine oil with 0W-20 oil; replace oil filter  Reset maintenance reminder light  Rotate tires  Visually inspect brake pads, calipers and rotors  Check installation of driver's floor mat  Road-test vehicle  If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:  Inspect axle shaft boots Inspect ball joints and dust covers Inspect engine air filter Inspect steering linkage and boots Tighten nuts and bolts on chassis	□ Inspect ball joints and dust covers □ Inspect engine air filter □ Inspect steering linkage and boots □ Tighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

90 Months o	r 75,000 Miles
☐ Clean air conditioner filter	
lacksquare Inspect and adjust all fluid levels	
☐ Replace Smart Key battery	
☐ Reset maintenance reminder light	
☐ Rotate tires	
$f \Box$ Visually inspect brake pads, calipers and rotors	
$f \Box$ Check installation of driver's floor mat	
☐ Road-test vehicle	
□ Inspect the following: Axle shaft boots Ball joints and dust covers Body Brake lines and hoses Drive belt  Note: If OW-20 oil was not used at last oil change, or conditions, you should also replace the engine oil with conditions that apply. Some conditions require additio	0W-20 oil and replace the oil filter. See page 3 for
If you drive primarily under this special oper items:	ating condition, perform these additional
Driving on dirt roads or on dusty roads: ☐ Inspect engine air filter ☐ Tighten nuts and bolts on chassis	
Date:	Mileage:

96 Months or 80,000 Miles	102 Months or 85,000 Miles
Replace engine oil with OW-20 oil; replace	☐ Inspect and adjust all fluid levels
oil filter	☐ Reset maintenance reminder light
Reset maintenance reminder light	☐ Rotate tires
☐ Rotate tires	Visually inspect brake pads, calipers and rotors
☐ Visually inspect brake pads, calipers and rotors	☐ Check installation of driver's floor mat
☐ Check installation of driver's floor mat	☐ Road-test vehicle
☐ Road-test vehicle	Note: If OW-20 oil was not used at last oil
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:	change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.
<ul> <li>Inspect axle shaft boots</li> <li>Inspect ball joints and dust covers</li> <li>Inspect engine air filter</li> <li>Inspect steering linkage and boots</li> </ul>	If you drive primarily under this special operating condition, perform these additional items:
☐ Tighten nuts and bolts on chassis	Driving on dirt roads or on dusty roads:
	☐ Inspect axle shaft boots
	<ul><li>Inspect ball joints and dust covers</li></ul>
	☐ Inspect engine air filter
	☐ Inspect steering linkage and boots
	☐ Tighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

100110000000000000000000000000000000000	000 Miles
☐ Replace engine oil with OW-20 oil; replace oil filter	☐ Rotate tires
☐ Replace air conditioner filter	☐ Visually inspect brake pads, calipers
☐ Replace brake fluid	and rotors
☐ Replace engine air filter	☐ Check installation of driver's floor mat
☐ Replace Smart Key battery	☐ Road-test vehicle
Reset maintenance reminder light	
□ Inspect the following:    Axle shaft boots    Ball joints and dust covers    Body    Brake lines and hoses    Brake rotor thickness and runout    Drive belt    Engine/inverter coolant (see page 28)    Exhaust pipes and mountings	Fuel lines and connections, fuel tank band and fuel tank vapor vent system hosesFuel tank cap gasketRack and pinion assemblySteering linkage and bootsTransmission fluid
□ Tighten nuts and bolts on chassis	

114 Months or 95,000 Miles	120 Months or 100,000 Miles
□ Inspect and adjust all fluid levels □ Reset maintenance reminder light □ Rotate tires □ Visually inspect brake pads, calipers and rotors □ Check installation of driver's floor mat □ Road-test vehicle Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.	□ Replace engine oil with OW-20 oil; replace oil filter □ Reset maintenance reminder light □ Rotate tires □ Replace engine coolant (see page 28) □ Visually inspect brake pads, calipers and rotors □ Check installation of driver's floor mat □ Road-test vehicle  If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:	☐ Inspect axle shaft boots ☐ Inspect ball joints and dust covers ☐ Inspect engine air filter ☐ Inspect steering linkage and boots
<ul> <li>☐ Inspect axle shaft boots</li> <li>☐ Inspect ball joints and dust covers</li> <li>☐ Inspect engine air filter</li> <li>☐ Inspect steering linkage and boots</li> <li>☐ Tighten nuts and bolts on chassis</li> </ul>	□ Tighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

126 Months or 105,000 Miles
☐ Clean air conditioner filter
☐ Inspect and adjust all fluid levels
☐ Replace Smart Key battery
☐ Reset maintenance reminder light
□ Rotate tires
☐ Visually inspect brake pads, calipers and rotors
☐ Check installation of driver's floor mat
☐ Road-test vehicle
Inspect the following: Axle shaft bootsExhaust pipes and mountingsBall joints and dust coversInverter coolant (see page 28)BodyRack and pinion assemblyBrake lines and hosesDrive belt  Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating
conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.  If you drive primarily under this special operating condition, perform these additional
items:  Driving on dirt roads or on dusty roads:  Inspect engine air filter  Tighten nuts and bolts on chassis
Date: Mileage:

132 Months or 110,000 Miles	138 Months or 115,000 Miles
☐ Replace engine oil with OW-20 oil; replace	<ul> <li>Inspect and adjust all fluid levels</li> </ul>
oil filter	☐ Inspect engine coolant (see page 28)
☐ Reset maintenance reminder light	☐ Reset maintenance reminder light
☐ Rotate tires	☐ Rotate tires
Visually inspect brake pads, calipers and rotors	Visually inspect brake pads, calipers and rotors
☐ Check installation of driver's floor mat	☐ Check installation of driver's floor mat
☐ Road-test vehicle	☐ Road-test vehicle
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:  Inspect axle shaft boots	Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.
<ul> <li>Inspect ball joints and dust covers</li> <li>Inspect engine air filter</li> <li>Inspect steering linkage and boots</li> <li>Tighten nuts and bolts on chassis</li> </ul>	If you drive primarily under this special operating condition, perform these additional items:
	Driving on dirt roads or on dusty roads:  ☐ Inspect axle shaft boots ☐ Inspect ball joints and dust covers ☐ Inspect engine air filter ☐ Inspect steering linkage and boots ☐ Tighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

144 Months or	120,000 Miles
☐ Replace engine oil with OW-20 oil; replace oil filter	Reset maintenance reminder light
☐ Replace air conditioner filter	☐ Rotate tires
☐ Replace brake fluid	Visually inspect brake pads, calipers
☐ Replace engine air filter	and rotors
☐ Replace Smart Key battery	☐ Check installation of driver's floor mat
☐ Replace spark plugs <sup>1</sup>	☐ Road-test vehicle
☐ Inspect the following: Axle shaft boots Ball joints and dust covers Body Brake lines and hoses Brake rotor thickness and runout Drive belt Engine valve clearance Exhaust pipes and mountings	Fuel lines and connections, fuel tank band and fuel tank vapor vent system hosesFuel tank cap gasketInverter coolant (see page 28)Rack and pinion assemblySteering linkage and bootsTransmission fluid
Driving on dirt roads or on dusty roads: ☐ Tighten nuts and bolts on chassis	
Date:	Mileage:

<sup>1</sup>Required under the terms of the Emission Control Warranty.

150 Months or 125,000 Miles	156 Months or 130,000 Miles
□ Inspect and adjust all fluid levels □ Reset maintenance reminder light □ Rotate tires □ Visually inspect brake pads, calipers and rotors □ Check installation of driver's floor mat □ Road-test vehicle Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for conditions that apply. Some conditions require additional maintenance. See below.	□ Replace engine oil with OW-20 oil; replace oil filter □ Inspect engine coolant (see page 28) □ Reset maintenance reminder light □ Rotate tires □ Visually inspect brake pads, calipers and rotors □ Check installation of driver's floor mat □ Road-test vehicle  If you drive primarily under this special operating condition, perform these additional items:
If you drive primarily under this special operating condition, perform these additional items:  Driving on dirt roads or on dusty roads:  Inspect axle shaft boots Inspect ball joints and dust covers Inspect engine air filter Inspect steering linkage and boots Tighten nuts and bolts on chassis	Driving on dirt roads or on dusty roads:  Inspect axle shaft boots Inspect ball joints and dust covers Inspect engine air filter Inspect steering linkage and boots Itighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

162 Months or 135,000 Miles
☐ Clean air conditioner filter
☐ Inspect and adjust all fluid levels
☐ Replace Smart Key battery
☐ Reset maintenance reminder light
☐ Rotate tires
☐ Visually inspect brake pads, calipers and rotors
☐ Check installation of driver's floor mat
☐ Road-test vehicle
□ Inspect the following: Axle shaft bootsBall joints and dust coversBodyBrake lines and hosesDrive belt  Note: If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and replace the oil filter. See page 3 for
conditions that apply. Some conditions require additional maintenance. See below.  If you drive primarily under this special operating condition, perform these additional items:
Driving on dirt roads or on dusty roads: ☐ Inspect engine air filter ☐ Tighten nuts and bolts on chassis
Date: Mileage:

168 Months or 140,000 Miles	174 Months or 145,000 Miles
☐ Replace engine oil with OW-20 oil; replace	<ul> <li>Inspect and adjust all fluid levels</li> </ul>
oil filter	☐ Inspect engine coolant (see page 28)
☐ Reset maintenance reminder light	☐ Reset maintenance reminder light
☐ Rotate tires	☐ Rotate tires
$oldsymbol{\square}$ Visually inspect brake pads, calipers and rotors	<ul> <li>Visually inspect brake pads, calipers and rotors</li> </ul>
☐ Check installation of driver's floor mat	Check installation of driver's floor mat
☐ Road-test vehicle	☐ Road-test vehicle
If you drive primarily under this special operating condition, perform these additional items:	<b>Note:</b> If OW-20 oil was not used at last oil change, or if you drive primarily under certain special operating conditions, you should also replace the engine oil with OW-20 oil and
Driving on dirt roads or on dusty roads:	replace the oil filter. See page 3 for conditions
☐ Inspect axle shaft boots	that apply. Some conditions require additional maintenance. See below.
<ul><li>Inspect ball joints and dust covers</li></ul>	maintenance. See below.
☐ Inspect engine air filter	If you drive primarily under this
☐ Inspect steering linkage and boots	special operating condition, perform
☐ Tighten nuts and bolts on chassis	these additional items:
	Driving on dirt roads or on dusty roads:  Inspect axle shaft boots Inspect ball joints and dust covers Inspect engine air filter Inspect steering linkage and boots Ighten nuts and bolts on chassis
Date: Mileage:	Date: Mileage:

180 Months or 150,000 Miles			
☐ Replace engine oil with OW-20 oil; replace oil filter	☐ Rotate tires		
☐ Replace air conditioner filter	Visually inspect brake pads, calipers		
☐ Replace brake fluid	and rotors		
☐ Replace engine air filter	☐ Check installation of driver's floor mat		
☐ Replace engine/inverter coolant (see page 28)	☐ Road-test vehicle		
☐ Replace Smart Key battery			
☐ Reset maintenance reminder light			
☐ Inspect the following: Axle shaft boots Ball joints and dust covers Body Brake lines and hoses Brake rotor thickness and runout Drive belt Exhaust pipes and mountings	Fuel lines and connections, fuel tank band and fuel tank vapor vent system hosesFuel tank cap gasketRack and pinion assemblySteering linkage and bootsTransmission fluid		
items:  Driving on dirt roads or on dusty roads:  Tighten nuts and bolts on chassis			
Date: Mile	eage:		

The following descriptions are provided to give you a better understanding of the maintenance services that should be performed on your vehicle. The scheduled maintenance log indicates at which time/mileage intervals each service should be performed. Please note that many maintenance services should be performed only by a qualified technician.

For further information on maintenance services that you can perform yourself, see the maintenance sections of your Owner's Manual.

### Air Conditioner Filter

Clean or replace at specified intervals. More frequent cleaning or replacement may be required when driving in heavy traffic areas, in urban or dusty areas, in desert areas or on dirt roads. Refer to your Owner's Manual for service details.

#### Axle Shaft Boots

Check the axle shaft boots and clamps for cracks, deterioration and damage. Replace any damaged parts and, if necessary, repack the grease. A qualified technician should perform these operations.

### **Ball Joints and Dust Covers**

Check the suspension and steering linkage ball joints for looseness and damage. Check all dust covers for deterioration and damage. A qualified technician should perform these inspections.

# Battery: 12-Volt (Auxiliary Battery)

The original-equipment 12-volt battery, located on the right side of the trunk compartment, is a sealed, maintenance-free special-application battery that is different from a conventional automotive battery. Replacement batteries are available from your Lexus dealership.

# Battery: Hybrid (Traction Battery)

The hybrid battery is a NiMH (nickel metal hydride) compact, high-output battery. This battery does not require regular maintenance. However, if the vehicle is parked for a long time, the hybrid battery will discharge gradually. To keep the hybrid battery in good condition, drive the vehicle at least once every several months for at least 30 minutes or 10 miles. If the hybrid battery becomes fully discharged and the vehicle will not start even with a

jump-start to the 12-volt battery, contact your Lexus dealership.

Any repairs to the hybrid battery or hybrid system should be performed by a qualified technician following procedures in Lexus service and repair publications. Please refer to the important safety precautions on the inside front cover of this booklet.

### **Body Inspection**

Visually check for corrosion, scratches and other damage. Check outer body panels, inner panels of the hood and doors, and underneath the vehicle. Apply touch-up paint to any chips and scratches or have them repaired by a qualified technician.

#### **Brake Fluid**

Replace using fluid type specified in your *Owner's Manual*. A qualified technician should perform this operation.

### **Brake Lines and Hoses**

Visually inspect for proper installation. Check for chafing, cracks, deterioration and signs of leakage. Replace any deteriorated or damaged parts. A qualified technician should perform these operations.

### **Brake Pads, Calipers and Rotors**

Check brake pads and rotors for excessive wear; check brake rotors for runout. Check brake calipers for fluid leakage. Check the parking brake linings (shoes) and drums for scoring, burning, fluid leakage, broken parts and excessive wear. A qualified technician should perform these inspections.

### **Drive Belt**

Inspect for cracks, excessive wear and oiliness. Check the belt tension and adjust if necessary. Replace the belts if they are damaged.

### **Driver's Floor Mat**

- Only use the driver's floor mat designed specifically for the model and model year of your vehicle, such as Lexus Genuine floor mats.
- Always properly secure the driver's floor mat using the retaining hooks.
- Never install another floor mat on top of the existing driver's floor mat.
- Never install the driver's floor mat upside down.

### **Engine Air Filter**

Check for damage, excessive wear and oiliness. Replace if necessary.

### **Engine/Inverter Coolant**

When inspecting, visually check the engine/inverter coolant level on the see-through reservoir. Add coolant as necessary. When replacing, drain and flush the cooling system and refill with coolant. Always use Genuine Toyota Super Long-Life Coolant or similar high-quality nonsilicate, non-amine, non-borate ethylene-glycol coolant with long-life hybrid organic acid technology (i.e., a combination of low phosphates and organic acids). A qualified technician should perform these operations.

precautions on the inside front cover of this booket.

Check the radiator and condenser for blockage by leaves, dirt or insects and clean if necessary. Also check the hose connections for corrosion and condition of installation.

Note: Initial replacement of engine coolant is at 120 months/100,000 miles. Replace every 60 months/50,000 miles thereafter. Initial replacement of inverter coolant

is at 180 months/150,000 miles. Replace every 60 months/50,000 miles thereafter.

### **Engine Oil and Oil Filter**

Replace the oil filter and drain and refill the engine oil at specified intervals. SAE OW-20 oil is the best choice for good fuel economy and good starting in cold weather. If SAE OW-20 is not available, SAE 5W-20 may be used; however, it must be replaced with SAE OW-20 at the next oil change. See your Lexus dealer for oil specifically formulated for your vehicle's engine. For instructions on how to reset the reminder light, refer to your *Owner's Manual*.

**Note:** If you do the majority of your driving under any of the special operating conditions indicated on page 3, you should replace the engine oil and oil filter every six months or 5,000 miles, regardless of the oil used or the certification of the vehicle.

### **Engine Valve Clearance**

Inspect for excessive lifter noise (sensory inspection) and engine vibration and adjust if necessary. A qualified technician should perform this operation.

### **Exhaust Pipes and Mountings**

Visually inspect the exhaust pipes, muffler and hangers for cracks, deterioration and damage. Start the engine and listen carefully for any exhaust leakage. Tighten connections and replace parts as necessary.

### Fuel Lines and Connections, Fuel Tank Band and Fuel Tank Vapor Vent System Hoses

Visually inspect for corrosion, damage, cracks, and loose or leaking connections. Tighten connections and replace parts as necessary.

### **Fuel Tank Cap Gasket**

Visually inspect for cracks, deterioration and damage and replace if necessary.

#### **Nuts and Bolts on Chassis**

Check that tightness of the seatmounting bolts and front/rear suspension-member retaining bolts matches torque measurements specified in the Repair Manual.

### **Rack and Pinion Assembly**

Inspect the rack and pinion assembly for signs of leakage, damage and loose electrical connections. Tighten connections and if you discover any leakage or damage, have it repaired immediately by a qualified technician.

### **Road Test**

While driving the vehicle, check for proper operation of engine, transmission, brakes and steering. Also check for abnormal noise or vibration from any part of the vehicle.

### **Spark Plugs**

Replace at specified interval. Install new plugs of the same type as originally equipped (see your *Owner's Manual*). A qualified technician should perform this operation.

### **Steering Linkage and Boots**

With the vehicle stopped, check for excessive freeplay in the steering wheel. Inspect the linkage for bending and damage and the dust boots for deterioration, cracks and damage. Replace any damaged parts. A qualified technician should perform these operations.

### **Timing Chain**

Your vehicle is equipped with a timing chain that requires no periodic inspection.

### **Tire Rotation**

Tires should be rotated according to the instructions in your *Owner's Manual*. When rotating tires, check pressure and check for damage and uneven wear. If the spare is not rotated, check the condition and pressure of the spare.

### **Tire-Pressure Monitor Sensors**

A tire-pressure sensor is mounted on each full-size wheel. These sensors do not require periodic maintenance. When a sensor's long-life lithium battery becomes discharged, the battery should be replaced by a qualified technician following procedures in Lexus service and repair publications.

### **Transmission Fluid**

The transmission and transmission fluid are a completely sealed unit.
Therefore, periodic checks and replacement of the transmission fluid are not required, and there is no dip-stick on the transmission.

Inspect the transmission/front differential assembly case for signs of leakage. (The front electric motor/generators do not require periodic maintenance.) Any service that requires inspecting or replacing transmission/front differential fluid should be performed by a qualified technician following procedures in Lexus service and repair publications. Please refer to the important safety precautions on the inside front cover of this booklet.

# NOTES



